

MDM2 Polyclonal Antibody | anti-MDM2 antibody

MDM2 Antibody

CATALOG #	REACTIVITY	APPLICATIONS
AAA320851	Human, Mouse, Rat, Monkey	ELISA, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

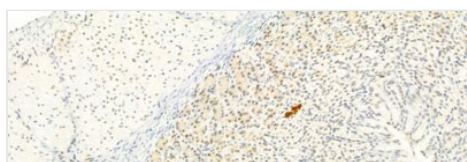
PRODUCT SYNONYMS

MDM2; Polyclonal Antibody; MDM2 Antibody; ACTFS; Double minute 2 protein; E3 ubiquitin-protein ligase Mdm2; Hdm 2; Hdm2; HDMX; MDM 2; MDM2 oncogene E3 ubiquitin protein ligase; Mdm2 p53 E3 ubiquitin protein ligase homolog; Mdm2 transformed 3T3 cell double minute 2 p53 binding protein (mouse) binding protein 104kDa; MDM2_HUMAN; MDM2BP; Mouse Double Minute 2; MTBP; Murine Double Minute Chromosome 2; Oncoprotein Mdm2; p53 Binding Protein Mdm2; p53-binding protein Mdm2; Ubiquitin protein ligase E3 Mdm2; anti-MDM2 antibody

PRODUCT SPECIFICATIONS

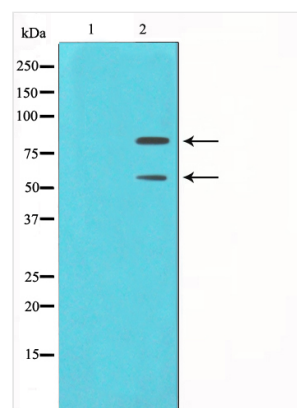
Reactivity	Human, Mouse, Rat, Monkey
Clonality	Polyclonal
Specificity	MDM2 Antibody detects endogenous levels of total MDM2.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mMNaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MDM2 antibody	ELISA, IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MDM2,corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt

IMAGES



IHC (Immunohistochemistry)

AAA320851 at 1/100 staining Rat stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis on COS7 cell lysate using MDM2 Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MDM2 antibody	MDM2 a ubiquitin ligase for p53, plays a central role in regulation of the stability of p53 via Akt-mediated MDM2 phosphorylation. Phosphorylation of MDM2 increases its interaction with p300, providing a platform to allow the assembly of the protein complex necessary for MDM2-mediated ubiquitination and degradation of p53. Phosphorylation of MDM2 also blocks its binding to p19ARF, increasing the degradation of p53. Facilitates the nuclear export of p53 and targets it for proteasome-mediated proteolysis. Eight alternatively spliced isoforms have been reported.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223890205
NCBI GeneID	4193
NCBI Accession #	NP_001138811.1
NCBI GenBank Nucleotide #	NM_001145339.2
UniProt Accession #	Q00987; Q13226; Q13297; Q13298; Q13299; Q13300; Q13301; Q53XW0; Q71TW9; Q8WYJ1; A6NL51; A8K2S6
Molecular Weight	Mol.Wt: 45~55kD, 70~95kD
NCBI Official Full Name	E3 ubiquitin-protein ligase Mdm2 isoform h
NCBI Official Synonym Full Names	MDM2 proto-oncogene
NCBI Official Symbol	MDM2
NCBI Official Synonym Symbols	HDMX; hdm2; ACTFS
NCBI Protein Information	E3 ubiquitin-protein ligase Mdm2
UniProt Protein Name	E3 ubiquitin-protein ligase Mdm2
UniProt Gene Name	MDM2
UniProt Synonym Gene Names	Hdm2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mdm2-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320851>